

## CLAIMS

5 1. An injection mould (1) for producing three-dimensional components,  
 characterised by  
 a system (2) for mould tempering having at least  
 one groove (12) which is arbitrarily extended between two  
 points in the available volume of the mould for conducting  
 10 a tempering medium which is intended for tempering  
 of modules (4, 8) included in the mould (1),  
 each groove (12) being covered along essentially its  
 entire extent by a cover (15).

15 2. An injection mould (1) as claimed in claim 1, in  
 which the groove (12) along its extent is of a varying  
 width and depth.

*Saha*  
 20 3. An injection mould (1) as claimed in claim 1 or  
 2, in which a seal (16) is arranged between two modules  
 (4, 8) which between them define said groove (12).

4. An injection mould (1) as claimed in any one of  
 the preceding claims, in which a first module (8) forms  
 25 a cover (15) for a second module (4).

5. An injection mould (1) as claimed in any one of  
 the preceding claims, in which at least one module (4, 8)  
 constitutes a mould half (3a, 3b) with a cavity (5) formed  
 30 therein.

6. An injection mould (1) as claimed in any one of  
 the preceding claims, in which the groove (12) is arranged  
 in connection with a hot-runner system arranged in the  
 35 injection mould (1).

*Suba<sup>1</sup>* 7. An injection mould (1) as claimed in any one of the preceding claims, in which the system (2) for mould tempering is directly or indirectly connected to a circulation system included in an injection moulding assembly.

5

8. A system (2) for mould tempering of injection moulds (1) for producing three-dimensional components, characterised by

*Sub B3* 10 at least one (12) groove which is arbitrarily extended between two points in the available volume of the mould for conducting a tempering medium which is intended for tempering of modules (4, 8) included in the mould (1),

15 each groove (12) being covered along essentially its entire length by a cover (15).

*Suba<sup>2</sup>* 9. An injection moulding assembly comprising an injection mould (1) as claimed in any one of claims 1-7.

*Add a<sup>3</sup>*